

ABSTRACT OF THE DISCLOSURE

A CDMA communication apparatus according to the present invention is constructed of a plurality of spreading units, an adding unit, a coefficient setting unit, a multiplying unit, and a transmission unit. The plural spreading units spread a plurality of transmission data containing a pilot signal and a data signal by using different codes from each other to output spread signals. The adding unit adds a plurality of spread signals derived from the respective spreading units to each other so as to output an additional signal. The coefficient setting unit outputs a coefficient set in such a manner that transmission power of the pilot signal is made substantially coincident with transmission power of the data signal. The multiplying unit multiplies, in particular, a pilot signal portion contained in the addition signal outputted from the adding unit by the coefficient outputted from the coefficient setting unit. The transmission unit transmits the signal outputted from the multiplying unit.